

556.03.1 Pre-Qualification for Steel Fabricators

Use metal fabricators that are pre-qualified under the AISC Quality Certification Program for the items listed below. The Department will make an exemption for new manufacturing plants that are of the same ownership as an existing certified plant, provided the new manufacturing plant operates under the same quality assurance and control programs as the certified plants, modified to address any production differences, and all fabrication is performed under the direct supervision of a quality assurance and control manager provided by an existing pre-qualified plant. Direct supervision means that the quality assurance and control manager is on site during all fabrication performed in the new fabrication plant and is responsible for the quality assurance and control activities. For new manufacturing plants, submit and receive approval of any proposed modifications to the parent plant's quality assurance and control program prior to beginning production. Allow 30 business days from the date submitted for Department review and approval. New manufacturing plants may operate under the parent plant's quality assurance and control programs for a maximum of 18 months from the date of opening. Plants currently operating under this exemption may do so only until January 1, 2016. Items not listed may be fabricated by non-certified shops. Use metal fabricators having the following AISC quality certification categories:

1. Use fabricators having Advanced Bridges (ABR) certification to fabricate the following:

- a. Fracture critical members and attachments. Fabricators must have the fracture critical endorsement (F).
- b. Tub, trapezoidal or closed box girders, large or non-preassembled trusses (over 200 ft.), cable supported bridges, bascule bridges, arches and bridges with tight radius.

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2. Use fabricators having Intermediate Bridges (IBR) certification to fabricate the following:

- a. Fracture critical members and attachments. Fabricators must have the Fracture Critical Endorsement (F).
- b. Rolled beams with field or shop splices, either straight or with a radius over 500 ft.
- c. Built-up I-shaped plate girders with constant depth, either straight or with a radius over 500 ft.
- d. Built-up I-shaped plate girders with variable web depth (e.g., haunched), either straight or with a radius over 1000 ft.
- e. A truss with a length of 200 ft. or less that is entirely or substantially pre-assembles at a certified facility and shipped in no more than three sub-assemblies.
- f. Welded floor beams.
- g. Diaphragms for horizontally curved girders.

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3. Use fabricators having Simple Bridges (SBR) certification to fabricate the following:

- a. Non-spliced rolled beams.
- b. Non-spliced floor beams.
- c. Diaphragms for straight girders (does not include diaphragms used for concrete beams).

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4. Use fabricators having an SBR or certified component fabricator-bridge (CPT) certification to fabricate the following:

- a. Bridge expansion joints.
- b. Steel grid decking.
- c. Bridge expansion bearings.
- d. Bridge traffic or pedestrian railing.
- e. Overhead sign bridge and cantilever sign structures.

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f. Lighting poles and anchor bases.

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